

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph appearing on page 3 , lines 2-12, as follows:

An example of asymmetric hydrogenation of tiglic acid is described in J. Mol. Cat., Vol. ~~159~~ 158, Page 37, 2000. A ruthenium complex used in the asymmetric hydrogenation contains a ligand obtained by aminating carbon atoms at 5,5'-positions of BINAP and by introducing polyethylene glycol, etc. to make the BINAP water-soluble. The asymmetric hydrogenation is carried out in a two-phase system of ethyl acetate/water solvent, and as a result, the enantiomer excess of the product is insufficiently 83% ee. Experiments of recycling the ruthenium complex catalyst are not described in the reference.